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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)		Application Number	101090,951
		Filing Date	March 4, 2002
		First Named Inventor	Clough
		Art Unit	1745
		Examiner Name	Wainar, Laura S. Prior
Sheet 1 of 1	Attorney Docket Number	ES-96	

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
LSU		US- 4,216,281	08-05-1980	O'Rell et al	
		US- 4,383,011	05-10-1983	McClalland et al	
		US- 4,529,677	07-16-1985	Spencer	
		US- 4,594,158	06-10-1986	Shang et al	
		US- 5,221,587	06-22-1993	Bohnsch et al	
		US- 5,929,204	07-27-1999	Noguchi et al	
		US- 6,103,122	08-15-2000	Hou et al	
		US- 5,989,750	11-23-1999	CHen et al	
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FOREIGN PATENT DOCUMENTS					
Examiner Initials	Cite No.	Foreign Patent Document Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
LSU		FR 2,440,085	1980	Chemaux et al	

Examiner Signature	Laura S. Wainar	Date Considered	3-17-04
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\*EXAMINER: Initial reference considered, whether or not citation is in conformance with MPEP 608. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.  
<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 801.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.